



SEDD Version 5.0 (Draft) Valid Values

Exceptions and Recommendations

February 2006
Version 1.0

The SEDD Version 5.0 (Draft) valid values are the same as the ones used for SEDD Version 5.1 (Draft) (located at <http://www.epa.gov/superfund/programs/clp/seddspec51.htm>) with the exceptions and recommendations given below. These values MUST be used for all data elements that require valid values.

A. Exceptions:

1) Exception 1 - AnalysisType

SEDD Version 5.0 (Draft) does allow the use of the null value as a valid value. The default valid value for a single regular analysis is null.

SEDD Version 5.1 (Draft) does not allow the use of the null value as a valid value. The default valid value for a single regular analysis is 'Initial'. The rest of the valid values for use of this data element would be the same between these two versions of SEDD.

2) Exception 2 - AnalyteType

SEDD Version 5.0 (Draft) does allow the use of the null value as a valid value. The default valid value for a method target analyte is null.

SEDD Version 5.1 (Draft) does not allow the use of the null value as a valid value. The default valid value for a method target analyte is 'Target'. The rest of the valid values for use of this data element would be the same between these two versions of SEDD.

3) Exception 3 - QCType

SEDD Version 5.0 (Draft) does allow the use of the null value as a valid value. The default valid value for a regular field sample is null.

SEDD Version 5.1 (Draft) does not allow the use of the null value as a valid value. The default valid value for a regular field sample is 'Field_Sample'. The rest of the valid values for use of this data element would be the same between these two versions of SEDD.

4) Exception 4 - ResultType

SEDD Version 5.0 (Draft) does allow the use of the null value as a valid value. The default valid value for an analyte that is reported as not detected is null.

SEDD Version 5.1 (Draft) does not allow the use of the null value as a valid value. The default valid value for an analyte that is reported as not detected is 'Not_Detected'. The rest of the valid values for use of this data element would be the same between these two versions of SEDD.

B. Recommendations:

1) Recommendation 1 - AnalyteName

SEDD Version 5.0 (Draft) defines the AnalyteName to be the common name for the analyte. This common name is defined by the client.

SEDD Version 5.1 (Draft) defines the AnalyteName to be the official name for the analyte as based on the nomenclature rules as defined in the accompanying AnalyteNameContext data element. The common name for any given analyte as defined by the client would now be reported using the new data element ClientAnalyteName. Therefore, the valid values will be different for this data element between these two versions of SEDD.

If the client using SEDD Version 5.0 (Draft) has not already defined any common names for their analytes, it is highly recommended that the client use the SEDD Version 5.1 (Draft) valid values for AnalyteName. This will make migration to SEDD Version 5.1 (Draft) much easier.

2) Recommendation 2 – MatrixID – Use SEDD Version 5.1 (Draft) Valid Values

3) Recommendation 3 - ClientMethodID - Use SEDD Version 5.1 (Draft) MethodID Valid Values

4) Recommendation 4 - ClientAnalyteID - Use the CAS Registry Number

5) Recommendation 5 - ResultBasis - Use the SEDD Version 5.1 (Draft) ResultBasis Valid Values

The following table provides a comparison of the valid values between SEDD Version 5.0 (Draft) and SEDD Version 5.1 (Draft) for SEDD Stage 2a nodes ONLY:

Data Element	5.0 Valid Values	5.1 Valid Values	Comments
Header/			
EDDID	List provided	List provided	Same values can be used
EDDVersion	No list provided	List provided	Same values can be used
EDDImplementationID	No list provided	List provided	Same values can be used
EDDImplementationVersion	No list provided	List provided	Same values can be used
DateFormat	List provided	List provided	Same values can be used
SamplePlusMethod/			
ClientMethodID	No list provided	List not required	Same values can be used
ClientMethodType	No list provided	List not required	Same values can be used
Composite	No list provided	List provided	Same values can be used
Filtered	Element not in v5.0	List provided	New element in v5.1
LabID	No list provided	List not required	Same values can be used
MatrixID	No list provided	List provided	Same values can be used
MatrixMedium	Element not in v5.0	List provided	New element (replaced MatrixName)
MethodCategory	Element not in v5.0	List provided	New element in v5.1
MethodCode	Element not in v5.0	List provided	New element in v5.1
MethodID	Element not in v5.0	List provided	New element in v5.1
MethodLevel	No list provided	List provided	Same values can be used
MethodName	Element not in v5.0	List provided	New element in v5.1
MethodSource	Element not in v5.0	List provided	New element in v5.1
MethodType	Element not in v5.0	List provided	New element in v5.1
MethodVersion	Element not in v5.0	List provided	New element in v5.1

Data Element	5.0 Valid Values	5.1 Valid Values	Comments
QCCategory	List provided	List provided	Same values can be used
QCLinkage	List provided	List provided	Same values can be used
QCType	No list provided, nulls okay	List provided, no nulls	See Exception 3
Quarantine	Element not in v5.0	List provided	New element in v5.1
TemperatureUnits	No list provided	List provided	Same values can be used
Analysis/			
AliquotAmountUnits	Element not in v5.0	List provided	New element in v5.1
AnalysisType	No list provided, nulls okay	List provided, no nulls	See Exception 1
AnalyzedAmountUnits	No list provided	List provided	Same values can be used
ClientMethodID	No list provided	List not required	Same values can be used
DetectorType	No list provided	List provided	Same values can be used
HeatedPurge	No list provided	List provided	Same values can be used
InjectionVolumeUnits	Element not in v5.0	List provided	New element in v5.1
MethodCode	Element not in v5.0	List provided	New element in v5.1
MethodID	Element not in v5.0	List provided	New element in v5.1
MethodName	Element not in v5.0	List provided	New element in v5.1
MethodSource	Element not in v5.0	List provided	New element in v5.1
MethodType	Element not in v5.0	List provided	New element in v5.1
MethodVersion	Element not in v5.0	List provided	New element in v5.1
ResultBasis	No list provided	List provided	Same values can be used
WavelengthUnits	Element not in v5.0	List provided	New element in v5.1

Data Element	5.0 Valid Values	5.1 Valid Values	Comments
AnalysisGroup/			
AnalysisType	No list provided	List provided	Same values can be used
Analyte/			
AnalyteName	No list provided	List provided	See Recommendation 1
AnalyteNameContext	Element not in v5.0	List provided	New element in v5.1
AnalyteType	No list provided, nulls okay	List provided, no nulls	See Exception 2
ExpectedResultUnits	No list provided	List provided	Same values can be used
LabQualifiers	No list provided	List not required	Same values can be used
PercentRecoveryLimitType	No list provided	List provided	Same values can be used
PercentRecoveryType	Element not in v5.0	List provided	New element in v5.1
ResultLimitType	No list provided	List provided	Same values can be used
ResultType	No list provided, nulls okay	List provided, no nulls	See Exception 4
ResultUnits	No list provided	List provided	Same values can be used
WavelengthUnits	Element not in v5.0	List provided	New element in v5.1
AnalyteGroup/	This node does NOT appear in v5.0 and is a new node in v5.1		
AnalyteName	No list provided	List provided	See Recommendation 1
AnalyteNameContext	Element not in v5.0	List provided	New element in v5.1
AnalyteType	No list provided, nulls okay	List provided, no nulls	See Exception 3
ResultType	No list provided, nulls okay	List provided, no nulls	See Exception 4
ResultUnits	No list provided	List provided	Same values can be used

Data Element	5.0 Valid Values	5.1 Valid Values	Comments
Handling/			
ClientMethodID	No list provided	List not required	Same values can be used
HandlingType	No list provided	List provided	Same values can be used
InitialAmountUnits	No list provided	List provided	Same values can be used
LabID	No list provided	List not required	Same values can be used
MethodCode	Element not in v5.0	List provided	New element in v5.1
MethodID	Element not in v5.0	List provided	New element in v5.1
MethodName	Element not in v5.0	List provided	New element in v5.1
MethodSource	Element not in v5.0	List provided	New element in v5.1
MethodVersion	Element not in v5.0	List provided	New element in v5.1
SampleAmountUnits	No list provided	List provided	Same values can be used
PreparationPlusCleanup/			
AliquotAmountUnits	No list provided	List provided	Same values can be used
CleanupType	No list provided	List provided	Same values can be used
ClientMethodID	No list provided	List not required	Same values can be used
FinalAmountUnits	No list provided	List provided	Same values can be used
InitialAmountUnits	No list provided	List provided	Same values can be used
LabID	No list provided	List not required	Same values can be used
MethodCode	Element not in v5.0	List provided	New element in v5.1
MethodID	Element not in v5.0	List provided	New element in v5.1
MethodName	Element not in v5.0	List provided	New element in v5.1
MethodSource	Element not in v5.0	List provided	New element in v5.1

Data Element	5.0 Valid Values	5.1 Valid Values	Comments
MethodVersion	Element not in v5.0	List provided	New element in v5.1
PreparationPlusCleanupType	Element not in v5.0	List provided	New element in v5.1
PreparationType	No list provided	List provided	Same values can be used
ReportedResult/			
AnalyteName	No list provided	List not required	See Exception 2
AnalyteNameContext	Element not in v5.0	List not required	New element in v5.1
AnalyteType	No list provided, nulls okay	List provided, no nulls	See Exception 3
ClientDetectionLimitUnits	Element not in v5.0	List provided	New element in v5.1
ClientQuantitationLimitUnits	Element not in v5.0	List provided	New element in v5.1
DetectionLimitType	No list provided	List provided	Same values can be used
DetectionLimitUnits	No list provided	List provided	Same values can be used
ExpectedResultUnits	No list provided	List provided	Same values can be used
LabQualifiers	No list provided	List not required	Same values can be used
LabResultStatus	Element not in v5.0	List provided	New element in v5.1
PercentDifferenceLimitType	No list provided	List provided	Same values can be used
PercentRecoveryLimitType	No list provided	List provided	Same values can be used
PercentRecoveryType	Element not in v5.0	List provided	New element in v5.1
QuantitationLimitType	No list provided	List provided	Same values can be used
QuantitationLimitUnits	No list provided	List provided	Same values can be used
ReportingLimitType	No list provided	List provided	Same values can be used
ReportingLimitUnits	No list provided	List provided	Same values can be used
ResultLimitType	No list provided	List provided	Same values can be used

Data Element	5.0 Valid Values	5.1 Valid Values	Comments
ResultType	No list provided, nulls okay	List provided, no nulls	See Exception 5
ResultUnits	No list provided	List provided	Same values can be used
RetentionTimeUnits	No list provided	List provided	Same values can be used
RPDLimitType	No list provided	List provided	Same values can be used
RPDType	Element not in v5.0	List provided	New element in v5.1